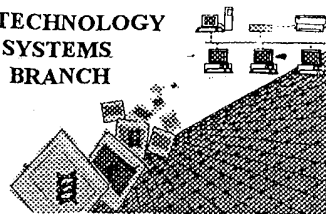# RAW SEQUENCE LISTING
# ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/675,406

Source: Dipe

Date Processed by STIC: 10-10-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003

# Raw Sequence Listing Error Summary

| ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: 10/675,404 |
|---|---|---|

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

1\_\_\_\_Wrapped Nucleics
Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2\_\_\_\_Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.

3\_\_\_\_Misaligned Amino Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use **space characters**, instead.

4\_\_\_\_Non-ASCII
The submitted file was **not saved in ASCII(DOS) text, as required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

5\_\_\_\_Variable Length
Sequence(s)\_\_\_\_contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6\_\_\_\_PatentIn 2.0
"bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7\_\_\_\_Skipped Sequences
(OLD RULES)
Sequence(s) \_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)         SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8\_\_\_\_Skipped Sequences
(NEW RULES)
Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9\_\_\_\_Use of n's or Xaa's
(NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10\_\_\_\_Invalid <213> Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11\_\_\_\_Use of <220>
Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12\_\_\_\_PatentIn 2.0
"bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13\_\_\_\_ Misuse of n/Xaa
"n" can only represent a single <u>nucleotide</u>; "Xaa" can only represent a single <u>amino acid</u>

AMC – Biotechnology Systems Branch – 09/09/2003

IFWO

RAW SEQUENCE LISTING                          DATE: 10/10/2003
PATENT APPLICATION: **US/10/675,406**          TIME: 15:01:27

Input Set : **A:\5138.txt**
Output Set: **N:\CRF4\10102003\J675406.raw**

```
   3 <110> APPLICANT: Bayer Pharmaceuticals Corporation
   4        Eveleigh, Deepa
   5        Taylor, Ian
   7 <120> TITLE OF INVENTION: METHODS FOR PREDICTION AND PROGNOSIS OF CANCER, AND
MONITORING
   8        CANCER THERAPY
  10 <130> FILE REFERENCE: 5138
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/675,406
C--> 12 <141> CURRENT FILING DATE: 2003-09-30
  12 <150> PRIOR APPLICATION NUMBER: US 60/415,194
  13 <151> PRIOR FILING DATE: 2002-09-30
  15 <160> NUMBER OF SEQ ID NOS: 7
  17 <170> SOFTWARE: PatentIn version 3.2
  19 <210> SEQ ID NO: 1
  20 <211> LENGTH: 1449
  21 <212> TYPE: DNA
  22 <213> ORGANISM: Homo sapiens
  24 <400> SEQUENCE: 1
  25 ctggatagaa cagctcaagc cttgccactt cgggcttctc actgcagctg ggcttggact      60
  27 tcggagtttt gccattgcca gtgggacgtc tgagactttc tccttcaagt acttggcaga     120
  29 tcactctctt agcagggtct gcgcttcgca gccgggatga agctggtttc cgtcgccctg     180
  31 atgtacctgg gttcgctcgc cttcctaggc gctgacaccg ctcggttgga tgtcgcgtcg     240
  33 gagtttcgaa agaagtggaa taagtgggct ctgagtcgtg ggaagaggga actgcggatg     300
  35 tccagcagct accccaccgg gctcgctgac gtgaaggccg ggcctgccca gacccttatt     360
  37 cggccccagg acatgaaggg tgcctctcga agccccgaag acagcagtcc ggatgccgcc     420
  39 cgcatccgag tcaagcgcta ccgccagagc atgaacaact tccagggcct ccggagcttt     480
  41 ggctgccgct tcgggacgtg cacggtgcag aagctggcac accagatcta ccagttcaca     540
  43 gataaggaca aggacaacgt cgcccccagg agcaagatca gcccccaggg ctacggccgc     600
  45 cggcgccggc gctccctgcc cgaggccggc ccgggtcgga ctctggtgtc ttctaagcca     660
  47 caagcacacg gggctccagc ccccccgagt ggaagtgctc cccactttct ttaggattta     720
  49 ggcgcccatg gtacaaggaa tagtcgcgca agcatcccgc tggtgcctcc cgggacgaag     780
  51 gacttcccga gcggtgtggg gaccgggctc tgacagccct gcggagaccc tgagtccggg     840
  53 aggcaccgtc cggcggcgag ctctggcttt gcaagggccc ctccttctgg gggcttcgct     900
  55 tccttagcct tgctcaggtg caagtgcccc aggggcgggg gtgcagaaga atccgagtgt     960
  57 ttgccaggct taaggagagg agaaactgag aaatgaatgc tgagaccccc ggagcagggg    1020
  59 tctgagccac agccgtgctc gcccacaaac tgatttctca cggcgtgtca ccccaccagg    1080
  61 gcgcaagcct cactattact tgaactttcc aaaacctaaa gaggaaaagt gcaatgcgtg    1140
  63 ttgtacatac agaggtaact atcaatattt aagtttgttg ctgtcaagat ttttttttgta   1200
  65 acttcaaata tagagatatt tttgtacgtt atatattgta ttaagggcat tttaaaagca    1260
  67 attatattgt cctccctat tttaagacgt gaatgtctca gcgaggtgta aagttgttcg     1320
  69 ccgcgtggaa tgtgagtgtg tttgtgtgca tgaaagagaa agactgatta cctcctgtgt    1380
  71 ggaagaagga aacaccgagt ctctgtataa tctatttaca taaaatgggt gatatgcgaa    1440
  73 cagcaaacc                                                           1449
  76 <210> SEQ ID NO: 2
```

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING                          DATE: 10/10/2003
PATENT APPLICATION:  US/10/675,406           TIME: 15:01:27

Input Set : A:\5138.txt
Output Set: N:\CRF4\10102003\J675406.raw

```
 77 <211> LENGTH: 23
 78 <212> TYPE: DNA
 79 <213> ORGANISM: Primer        See item 10 on error
 81 <400> SEQUENCE: 2                  summary sheet -
 82 gtgaatgtct cagcgaggtg taa                                    23
 85 <210> SEQ ID NO: 3
 86 <211> LENGTH: 24
 87 <212> TYPE: DNA
 88 <213> ORGANISM: Primer
 90 <400> SEQUENCE: 3
 91 ccttcttcca cacaggaggt aatc                                   24
 94 <210> SEQ ID NO: 4
 95 <211> LENGTH: 23
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Primer
 99 <400> SEQUENCE: 4
100 ttcgccgcgt ggaatgtgag tgt                                    23
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 23
105 <212> TYPE: DNA
106 <213> ORGANISM: Primer
108 <400> SEQUENCE: 5
109 gtgaatgtct cagcgaggtg taa                                    23
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 24
114 <212> TYPE: DNA
115 <213> ORGANISM: Primer
117 <400> SEQUENCE: 6
118 ccttcttcca cacaggaggt aatc                                   24
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 185
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 7
128 Met Lys Leu Val Ser Val Ala Leu Met Tyr Leu Gly Ser Leu Ala Phe
129 1               5                   10                  15
132 Leu Gly Ala Asp Thr Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys
133             20                  25                  30
136 Lys Trp Asn Lys Trp Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met
137         35                  40                  45
140 Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala
141     50                  55                  60
144 Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro
145 65                  70                  75                  80
148 Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg
149             85                  90                  95
152 Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe
153             100                 105                 110
156 Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
```

RAW SEQUENCE LISTING                    DATE: 10/10/2003
PATENT APPLICATION:   US/10/675,406     TIME: 15:01:27

Input Set : A:\5138.txt
Output Set: N:\CRF4\10102003\J675406.raw

```
157         115                120                125
160 Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln
161     130                135                140
164 Gly Tyr Gly Arg Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly
165 145               150                155               160
168 Arg Thr Leu Val Ser Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro
169               165                170                175
172 Pro Ser Gly Ser Ala Pro His Phe Leu
173           180                185
```

**VERIFICATION SUMMARY**  DATE: 10/10/2003
PATENT APPLICATION:  **US/10/675,406**  TIME: 15:01:28

Input Set : **A:\5138.txt**
Output Set: **N:\CRF4\10102003\J675406.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date